

Patent Abstracts of Japan

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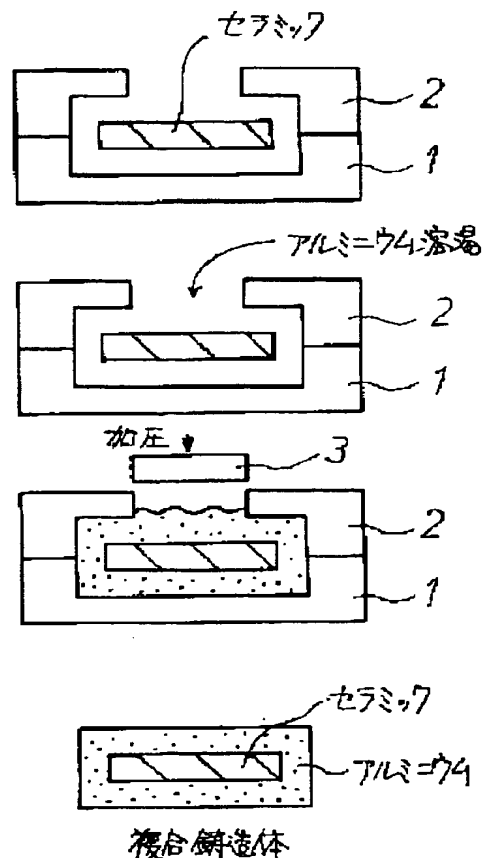
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APPLICANT : NGK INSULATORS LTD;

INVENTOR : BABA TATSUO;

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TITLE : COMPOSITE CASTING BODY AND PRODUCTION THEREOF



ABSTRACT : PURPOSE: To provide a composite casting and a producing method thereof, in which the composite is easily obtd. and the uniform and sufficient mechanical characteristic can be obtd.

CONSTITUTION: The composite casting body is the one casting molten aluminum at high pressure into a ceramic-made honeycomb structural body. As the other way the composite casting body is the one casting the molten aluminum at the high pressure into porous ceramic body. Further, the producing method of the composite casting body is the method pouring the molten aluminum at a high pressure having  $\geq 500\text{kg/cm}^2$  into the ceramic-made honeycomb structural body or porous ceramic body laid in the metallic molds 1, 2.

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